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To: Alex Grosz
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Art Unit : 3673
Tuesday, February 07, 2006


Case Serial Number: 10/618697

From: Etelka R. Griffin
Location: EIC 3600
KNOX/4B68
Phone: 571-272-4230

Etelka.griffin@uspto.gov

Search Notes

LITIGATION

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Terms: **patno=6161232** ([Edit Search](#) | [Suggest Terms for My Search](#))

321723 (09) 6161232 December 19, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6161232

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[Link to Claims Section](#)

December 19, 2000

Invalid lifting device

APPL-NO: 321723 (09)


FILED-DATE: May 28, 1999

GRANTED-DATE: December 19, 2000

CORE TERMS: mast, lifting, chassis, arm, sling, upstanding, elongate, hanger, retractable, extendible ...

ENGLISH-ABST:

The invalid lifting device comprises a first mast upstanding from a first elongate chassis member and a second mast upstanding from a second elongate chassis member which is parallel or substantially parallel to the first chassis member. The lifting device also comprises a lifting arm supported by and extending between the first and second masts, the lifting arm comprising two parts pivotable relative to one another so that the distance between the masts can be varied. One part is supported by the first mast and the other part is supported by the second mast. Power operated means are provided for moving the two chassis members towards and away from one another. Each part of the lifting arm comprises a parallelogram linkage to maintain the chassis members in parallel or substantially parallel relationship as the two chassis members are moved towards and away from one another. Each mast may be telescopically extendible/retractable and power operated means may be provided for extending and retracting the two masts in synchronism with one another.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 

Terms: **patno=6161232** ([Edit Search](#) | [Suggest Terms for My Search](#))

View: **Custom**

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Date/Time: Tuesday, February 7, 2006 - 2:56 PM EST

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Query/Command : PRT SS 2 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US6161232 A 20001219 [US6161232]

Title :

(A) Invalid lifting device

Patent Assignee :

(A) ARJO LTD (GB)

Patent Assignee :

Arjo Limited, Gloucester [GB]

Inventor(s) :

(A) GREAVES JOHN (GB); VON SCHROETER PHILIP (GB)

Application Nbr :

US32172399 19990528 [1999US-0321723]

Priority Details :

GB9811562 19980530 [1998GB-0011562]

Intl Patent Class :

(A) A61G-007/14

EPO ECLA Class :

A61G-007/10

US Patent Class :

ORIGINAL (O) : 005086100; CROSS-REFERENCE (X) : 005083100

Document Type :

Corresponding document

Citations :

US2234483; US2498853; US2666930; US3099020; US3820176; US4719655;
US4939801; US5853015; US6047418; EP424344 A1; GB323921; GB1159776;
GB2184706; GB2306941; GB2327931; GB2337030 A; WO9512514

Publication Stage :

(A) United States patent

Abstract :

The invalid lifting device comprises a first mast upstanding from a first elongate chassis member and a second mast upstanding from a second elongate chassis member which is parallel or substantially parallel to the first chassis member. The lifting device also comprises a lifting arm supported by and extending between the first and second masts, the lifting arm comprising two parts pivotable relative to one another so that the distance between the masts can be varied. One part is supported by the first mast and the other part is supported by the second mast. Power operated means are provided for moving the two chassis members towards and away from one another. Each part of the lifting arm comprises a parallelogram linkage to maintain the chassis members in parallel or substantially parallel relationship as the two chassis members are moved towards and away from one another. Each mast may be telescopically extendible/retractable and power operated means may be provided for extending and retracting the two masts in synchronism with one another.

Update Code :

2001-02

1 / 1 LGST - @EPO

Patent Number :

US6161232 A 20001219 [US6161232]

Application Number :

US32172399 19990528 [1999US-0321723]

Action Taken :

20030326 US/AS-A
ASSIGNMENT

OWNER: ARJO. MED. AKTIEBOLAG LIMITED C/O ARJO LIMITED, ST; EFFECTIVE
DATE: 20030314
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:ARJO
LIMITED;REEL/FRAME:013887/0361

20031014 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030715

Update Code :
2004-53

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :
6,161,232 A 20001219 [US6161232]
Patent Assignee :
Arjo Ltd GB

Actions :
20030326 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: ARJO LIMITED DATE SIGNED: 03/14/2003

Assignee: ARJO. MED. AKTIEBOLAG LIMITED C/O ARJO LIMITED, ST. CATHERINE
ST. GLOUCESTER GL1 2SL UNITED KINGDOM

Reel 013887/Frame 0361

Contact: YOUNG & THOMPSON LAUREN TERRY 745 SOUTH 23RD STREET ARLINGTON,
VA 22202

20030715 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20031014
REISSUE REQUEST NUMBER: 10/618697
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3628

Reissue Patent Number:

1 / 1 INPADOC - @INPADOC

Patent Number :
US 6161232 A 20001219 [US6161232]
Title :
INVALID LIFTING DEVICE
Inventor(s) :
VON SCHROETER PHILIP [GB]; GREAVES JOHN [GB]
Patent Assignee (Words) :
ARJO LTD [GB]
Application Details :
US 321723/99-A 19990528 [1999US-0321723]
Priority Details :
GB 9811562/98-A 19980530 [1998GB-0011562]
Intl. Patent Class. :
A61G-007/14

1 / 1 LGST - @EPO

Patent Number :
US6161232 A 20001219 [US6161232]

Application Number :

US32172399 19990528 [1999US-0321723]

Action Taken :

20030326 US/AS-A

ASSIGNMENT

OWNER: ARJO. MED. AKTIEBOLAG LIMITED C/O ARJO LIMITED, ST; EFFECTIVE

DATE: 20030314

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:ARJO

LIMITED;REEL/FRAME:013887/0361

20031014 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030715

Update Code :

2004-53

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